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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 409512	
		First Inventor Curtis A. Vock, et al.	
		Title PRODUCT INTEGRITY SYSTEMS AND ASSOCIATED METHODS	
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))		Express Mail Label No. EV 215529545 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</div> <div>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</div> <div>3. <input checked="" type="checkbox"/> Specification [Total Pages 90] (preferred arrangement set forth below)<ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the invention- Brief Summary of the invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div> <div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 45]</div> <div>5. Oath or Declaration [Total Pages 9]<ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed)i. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</div> <div>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>		<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div> <div>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Form (CRF)b. Specification Sequence Listing on:<ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paperc. <input type="checkbox"/> Statements verifying identity of above copies</div>	
		ACCOMPANYING APPLICATIONS PARTS	
		<div>9. <input checked="" type="checkbox"/> Assignment Papers (8 pages)</div> <div>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</div> <div>11. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>13. <input checked="" type="checkbox"/> Preliminary Amendment</div> <div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</div> <div>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</div> <div>17. <input checked="" type="checkbox"/> Other: Certificate of Mailing (1 page)</div>	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <div style="display: flex; justify-content: space-between;"><div><input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No: 10/297,270</div></div> <div style="display: flex; justify-content: space-between;"><div>Prior application information: Examiner Unknown</div><div>Group / Art Unit: 2857</div></div> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
19. CORRESPONDENCE ADDRESS			
<div><input checked="" type="checkbox"/> Customer Number or Bar Code Label 30955 or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)</div>			
Name		Curtis A. Vock Lathrop & Gage L.C.	
Address		4845 Pearl East Circle Suite 300	
City	Boulder	State	CO
Country	US	Telephone	720-931-3011
		Fax	(720) 931-3001
Name (Print/Type)		Curtis A. Vock	
Registration No. (Attorney/Agent)		38,356	
Signature		Date 6-26-03	

17613 U.S. PTO 10/601208



06/20/03

06/20/03
15541 U.S. PTO

U.S. Express Mail Label No. EV 215529545 US

PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 375

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Curtis A. Vock, et al.
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	409512

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 12-0600

Deposit Account Name Lathrop & Gage L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 375)

2. EXTRA CLAIM FEES

Total Claims	15	-20 **	=	0	X	Fee from below	=	0	Fee Paid
Independent Claims	2	-3 **	=	0	X		=	0	
Multiple Dependent	0				X		=	0	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

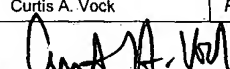
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Curtis A. Vock	Registration No. Attorney/Agent	38,356	Telephone	(720) 931-3011
Signature				Date	6-18-03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Curtis A. Vock, et al.
Serial No. Unknown
Filing Date: Herewith
Examiner Unknown
Group Art Unit Unknown
Matter No. 409512

For: PRODUCT INTEGRITY SYSTEMS AND ASSOCIATED METHODS

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

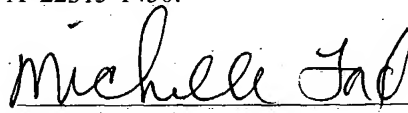
CERTIFICATE OF MAILING

"Express Mail" label number EV 215529545 US
Date of Deposit: June 20 2003

I hereby state that the following *attached* papers

1. Utility Patent Application Transmittal Form SB05- 1 page
2. Fee Transmittal for FY 2003 - 1 page
3. Specification - 90 pages; Claims #1-15 - 2 pages; Abstract - 1 page
4. Drawings, Figs. 1-73 - 45 pages
5. Preliminary Amendment - 4 pages
6. Check in the amount of \$375.
7. Assignee's Statement Under 37 CFR 3.73(b), including a copy of the assignment filed in prior application - 8 pages
8. Copy of Declaration and Power of Attorney filed in prior application - 9 pages
8. Request Deletion of Named Inventors Pursuant to 37 CFR § 1.63(d)(2) - 2 pages
9. Certificate of Mailing - 1 page
10. Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Mail Stop Patent Application; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Michelle Ford

IN THE UNITED STATES PATENT OFFICE

Applicant(s):	Curtis A. Vock et al.	Group Art Unit:	Unknown
Serial No.	Unknown	Examiner:	Unknown
Filed:	Herewith	Attorney Docket No.	409512
For:	PRODUCT INTEGRITY SYSTEMS AND ASSOCIATED METHODS		

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REQUEST DELETION OF NAMED INVENTORS
PURSUANT TO 37 CFR §1.63(d)(2)**

1. The declaration for this application was submitted on December 17, 2001 in PCT/US01/51620, and in U.S. Serial Number 10/297,270 filed December 4, 2002, the parent to this application.

At the time of the submissions, the Inventors were:

Curtis A. Vock
Burl W. Amsbury
Eric R. Edstrom
Robert Muir Holme
Paul Jonjak
Adrian F. Larkin
Perry Youngs

CORRECT INVENTORS

2. Due to cancellation of amendments to claims, the actual Inventors for this application are:

Curtis A. Vock
Burl W. Amsbury
Paul Jonjak
Adrian F. Larkin
Perry Youngs

3. The inventions by the deleted inventors are no longer claimed. Applicants thus request, in accordance with 37 CFR 1.63(d)(2), that this application be corrected for inventorship as detailed above.

Curtis A. Vock

Curtis A. Vock, Reg. No. 38,356
LATHROP & GAGE L.C.
4845 Pearl East Circle, Suite 300
Boulder, CO 80301
Tel: 720-931-3011, FAX: 720-931-3001

CERTIFICATE UNDER 37 CFR §1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 (Mailing Label No. EV 215529545 US), on the date indicated below and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

Date:

6/20/03

Michelle Ford

Michelle Ford

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Curtis A. Vock, et alApplication No./Patent No.: Not Yet AssignedFiled/Issue Date: HerewithEntitled: PRODUCT INTEGRITY SYSTEMS AND ASSOCIATED METHODSPhatRat Technologies, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest
- The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

6-18-03

Date

(720) 931-3011

Telephone Number

Curtis A. Vock

Signature

Curtis A. Vock

Typed or printed name

Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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